COMMON PAPER AND BOARDS

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COMMON PAPER AND BOARDS

1. A SELECTION OF COMMON PAPERS AND BOARDS

A. SOURCES, ORIGINS, PAPER AND BOARDS
B. WORKING WITH PAPERS AND BOARDS
C. PRINTING PROCESSES
D. PACKAGING AND ASSOCIATED INFORMATION
E. PACKAGING SYMBOLS

CARTRIDGE PAPER

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CARTRIDGE PAPER - is used for general drawing. It is often good quality and generally 100 to 135g in thickness. This paper is used for design and technology projects and will take colour from pencils and felt pens without too much leaking to the opposite side of the paper.

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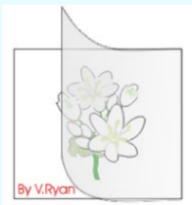Tap the red button to return to the contents page

TRACING PAPER

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TRACING PAPER -Is used pupils, students and designers. It allows the designer to copy an existing drawing / shape. Tracing paper can be useful when there is a need to produce several drawings that are based on the same outline. Also, tracing paper makes it possible to place one design on top of another to produce a second layer. The original design can be seen under the second drawing.

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By V.Ryan

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DUPLEX BOARD

DUPLEX BOARD - This is used for containers and can contain liquids as it may have a water-proof liner on the inside. It can have a wax feel. This type of card is used by the food industry and consequently recycled card is not used in its manufacture.

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SOLID WHITE BOARD

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SOLID WHITE BOARD - This is normally top quality cardboard made from quality bleached wood pulp. It is the best card for printing on to and consequently it is used for hard backed books and more expensive items

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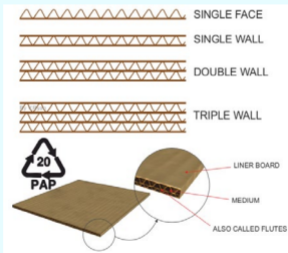Tap the red button to return to the contents page

CORRUGATED BOARD

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This type of board is often used for packaging. These large boxes (often brown in colour) protect the contents from damage. Corrugated board is strong because it is composed of a top and bottom layer and in between there is a triangulated section. A triangular section is very strong compared to its weight.

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SINGLE FACE

SINGLE WALL

DOUBLE WALL

TRIPLE WALL

20
PAP

LINER BOARD

MEDIUM

ALSO CALLED FLUTES

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FOIL LINED BOARD

FOIL LINED BOARD - is good quality cardboard with a aluminium foil lining. This type of container is ideal for ready made meals or take away meals. The foil retains the heat and helps keep the food warm.

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PAPERBOARD
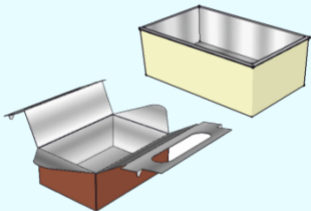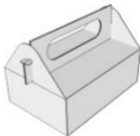
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Paperboard, also called cardboard. Similar to paper but much thicker. Often used for packaging, book covers, cards, CD and DVD covers, because it can be cut and shaped easily. Easy to recycle.

Takes ink and print easily, through processes such as lithography.

Paperboard is sustainable as the raw material is natural wood, which can be replanted.

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BOX QUALITY CARD

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Materials for typical 'card' packaging:

Box - quality card - 1000 microns (1mm), 920gsm.

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BLEED PROOF PAPER - does not allow felt
pens / ink pens (water or spirit based), to
spread / bleed through or across the surface.
When a felt pen or ink pen is used on the
surface of cartridge paper, accuracy can be
lost, as the ink is absorbed and spreads out,
leaving an inaccurate line. Bleed proof paper
has a coating that prevents this happening,
leaving an accurate / precise line. 70gsm

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A TYPICAL
BLEED LINE
ON CARTRIDGE
PAPER

A PRECISE LINE
ON BLEED
PROOF PAPER

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contents page

GRID PAPER
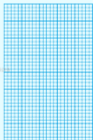
GRID PAPER - Is manufactured in a range of patterns, the most common being isometric and square grids. This type of layout helps when drawing in three dimensions (isometric) or drawing graphs and pictograms (graph paper). Standard 80gsm

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INK JET CARD

INK JET CARD - A high quality paper, often used when a photograph is printed. The surface is normally gloss or matt, in texture. It is relatively expensive compared to cartridge or photocopying paper. 120 to 400gsm

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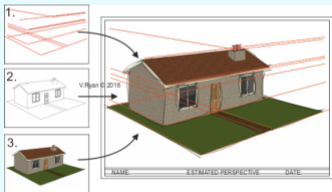Tap the red button to return to the contents page

LAYOUT PAPER

Is used by architects, designers and artists, to lay over the top of an existing drawing, in order to copy parts / aspects. Sometimes a designer will draw individual elements of a product, on separate sheets of layout paper. When put together, the various layers appear as one. This approach can be useful, when removing layers, to simplify a design or to show limited detail. 40 to 60gsm

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NEWSPRINT

Newsprint is used in the printing industry to produce the newspapers we buy and read. It is a fine paper. It is sometimes used to produce advertising materials.

Most newspapers are recycled and therefore can be used numerous time.

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THE ENTIRE WEBSITE SECTION

"FUNCTIONS OF PACKAGING,
SYMBOLS, INKS, MATERIALS AND
MANUFACTURE"

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